

# ABOVE GROUND TANKS

## LOCATION LOCATION

All fuel tanks and fuel lines should be located where they are adequately protected from ice and snow damage or from falling limbs.

Recommended locations include:

- \* Under the gable ends of a building.
- \* Under a sturdy, well constructed roof.
- \* Where the tank and unsupported pipes are more than 18 inches from the drip line of the eaves
- \* Accessible to the fuel delivery company.

## TANK FOUNDATIONS

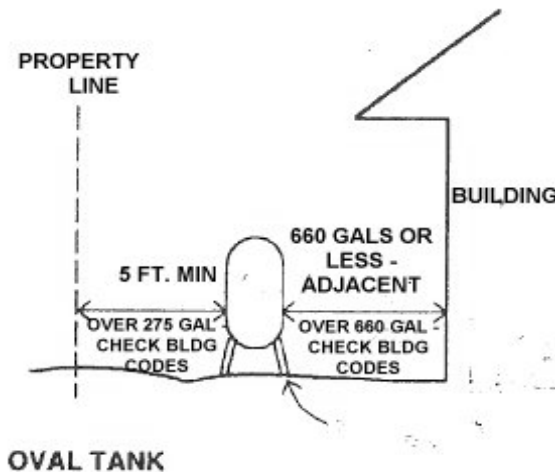
Good tank installations require a solid foundation. The following are some suggested practices for fuel tank foundations.

6" gravel pad - equal to or larger than the tank

3" thick concrete pad or pier blocks.

Tank legs - Maximum of 12" tall with threaded floor flanges

Minimum of 6" between the bottom of the tank and the pad



## TANKS

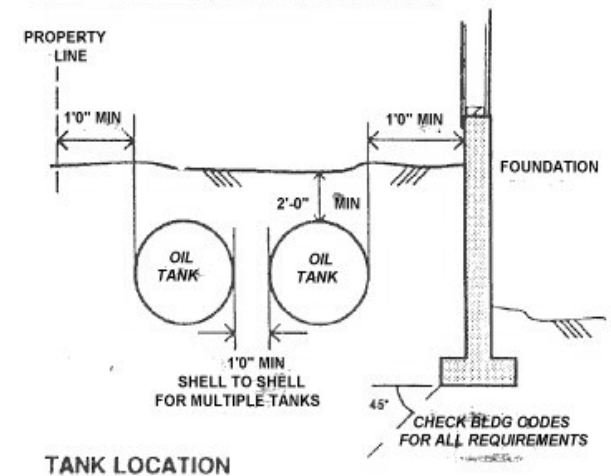
# UNDERGROUND

Should be installed by a professional

Take photographs or video tape the installation.

Underground tanks should have an exterior protective coating.

### Underground Installations



*Check local building codes for installation of underground tanks next to buildings and property lines.*

## **GENERAL GUIDELINES FOR ALL TANK INSTALLATIONS!**

### **PIPES AND PIPING**

Fuel lines running underground, in or under floors should be continuous (no connections) from the tank to the furnace.

Supply and return lines in the ground, or in or under concrete should be in a non-metallic, liquid tight conduit.

Lines above ground but covered in mortar or cement should be in a nonmetallic conduit.

### **VENTS, ALARMS & GAUGES**

#### **Vents:**

Tanks must be vented to the atmosphere

Tanks 660 gallons or larger require 2" vents

Vents require a weatherproof cap or must have a goose neck .

Vents must be located at least 2 feet from any building opening.

#### **Alarms and gauges:**

All tanks need a method for determining fuel level and a method for determining when the tank is nearly full

Underground/remote fill tanks need a whistle alarm to prevent overfills.

### **FIRE AND BUILDING CODES**

Always check with local building authorities and the fire department before installing a tank. Local codes may be more strict than state or national codes.

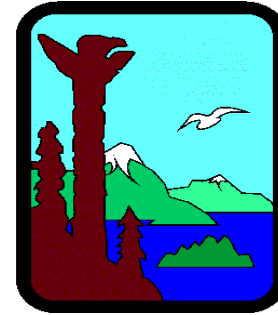
### **INFORMATION RESOURCES**

World Wide Web @

[www.state.ak.us/dec/dspar/stp/heating/htm](http://www.state.ak.us/dec/dspar/stp/heating/htm)

Storage tanks Program  
Statewide (907) 465-5200

DEC Area Response Teams  
Anchorage (907) 269-3063  
Fairbanks (907) 451-2121  
Juneau (907) 465-5340  
Evening and weekends  
1-800-478-9300



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Environmental  
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# HOME HEATING OIL TANK EDUCATION PROGRAM INSTALLATION GUIDELINES!